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(54) Title: METHODS AND MEANS OF SCREENING FOR RHOMBoid ACTIVITY

(57) Abstract: This invention relates to methods of screening for rhomboid modulating compounds using a substrate polypeptide having a core domain comprising a rhomboid cleavable TMD sequence linked to an upstream tag sequence. The core domain sequence is not susceptible to cleavage by non-rhomboid proteases so products of rhomboid dependent proteolysis may be detected by determining the presence of the tag sequence. Rhomboid modulating compounds identified by the present methods may be useful in a range of therapeutic applications.